



# PUBLIC NOTICE

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**DA 10-2128**

**Released: November 8, 2010**

## **WIRELINE COMPETITION BUREAU ANNOUNCES APPLICATION DEADLINE FOR THE E-RATE DEPLOYED UBIQUITOUSLY (EDU) 2011 PILOT PROGRAM**

**WC Docket No. 10-222**

**Application Deadline: December 17, 2010**

On September 28, 2010, the Commission released the *Sixth Report and Order* in the above-captioned proceeding. The order upgraded and modernized the schools and libraries universal service support program (also known as the E-rate program) to encourage the expansion of fast, affordable Internet access in schools and libraries across the country.<sup>1</sup> As part of the *Sixth Report and Order*, the Commission launched a pilot program – EDU2011 – to investigate the merits and challenges of wireless off-premises connectivity services for mobile learning devices, and to help the Commission determine whether and how those services should ultimately be eligible for E-rate support.<sup>2</sup> As part of this pilot program, the Commission authorized up to \$10 million for funding year 2011 to support a small number of innovative, interactive off-premise wireless connectivity projects for schools and libraries. The Commission anticipates that EDU2011 funding will be provided only to wireless projects that have already been planned (but may be awaiting funding) or are currently underway, to enable the Commission to evaluate how best to use E-rate support for successful wireless projects. Support under this program will not be provided for the portable devices or equipment, but rather for the connectivity services.

To be considered for the EDU2011 funding, applicants must address the application requirements listed below and submit their applications to the Commission **on or before December 17, 2010**. Applications that do not address all the requirements or are filed after the deadline date will not be considered for the

### EDU2011 Application Requirements:

*Applicant Wireless Program.* On the date the *Sixth Report and Order* was adopted (September 23, 2010), eligible applicants already should have implemented or begun the process of implementing<sup>3</sup> a program to provide off-premise connectivity to students or library patrons through the use of portable wireless devices.

<sup>1</sup> See *Schools and Libraries Universal Service Support Mechanism, A National Broadband Plan For Our Future*, CC Docket No. 02-6, GN Docket No. 09-51, *Sixth Report and Order*, FCC 10-175 (rel. Sept. 28, 2010) (*Schools and Libraries Sixth Report and Order*).

<sup>2</sup> *Id.* at paras. 44-50.

<sup>3</sup> For example, a school or library that had developed a detailed, specific plan for such a project but had not started implementation due to lack of funding would be eligible.

***Application Length.*** Applications shall be no longer than 20 pages including any exhibits. Any relevant technology planning documents (*see number 8, below*), however, do not count toward the 20 page limit. The Commission will not review any application that is greater than 20 pages in length.

The following information serves as a matter of introduction to the Ashwaubenon School District Wireless Program plan to provide off-premise connectivity as a part of a strategy to implement a 1 to 1 initiative (1 computer per 1 student) for the 2011-2012 school year. The initial implementation in March, 2010 was to introduce the teaching staff to the benefits of portability and to change the way technology was viewed and approached. At this time, all teachers in the district had their individual workstations transitioned from a fixed desktop computer to a mobile Hewlett Packard laptop model EliteBook 8530p. The HP EliteBook series of laptops provided portability, flexibility of applications use and a durability to withstand transportation between classrooms and between school and home.

With the implementation in the spring of 2010, teachers participated in staff development training to ease the transition from a desktop computer to a laptop computer. Along with the training of physical hardware, discussions were held to share experiences and envision new and different uses/applications given the portable and flexible nature of the laptop devices.

***Required Information (all applicants).*** The application must contain the following information for all applicants:

- 1. A FULL DESCRIPTION OF THE CURRENT OR PLANNED Applicant Wireless Program, including but not limited to:**
  - a. The nature of the Applicant Wireless Program including the extent to which the use of connectivity is interactive and utilizes the Internet.**

Ashwaubenon School District, but specifically Ashwaubenon High School, is in the process of transforming to accommodate 21<sup>st</sup> Century learning styles and incorporating Web 2.0 tools. Teachers are encouraging students to access Web based resources in an increasing frequency during the traditional hours of classroom activity. As the high school transitions, from fixed desktop and laptop computers, the connectivity and use requirements are changing.

There are three different connectivity issues that will be addressed through participation in the federal E-rate program for 2011. There is a connectivity inequity between economically disadvantaged students and those that are economically advantaged. Students require access to the Internet for research and development of project ideas outside of the traditional day and an increasing number of our students do not have access to the Internet outside of the school day.

Many teachers at Ashwaubenon High School have developed individual Web Sites, Learning Management Systems (LMS) and WIKI's. All three of these tools require connectivity to the Internet both on-site and off campus. Moodle and My Big Campus are interactive environments where teachers can post assignments, calendars, announcements, etc. Teachers set-up individual Moodles/My Big Campus pages for each class that they teach. However with a LMS, like Moodle or My Big Campus, students have an interactive portal which allows two-way communication with their teacher through the Moodle/My Big Campus architecture. Unlike a

traditional Web Site, within a LMS, students have the ability to “up-load” or post homework or other files for review by the teacher. An advantage of using a LMS is for students to upload or post homework or assignments from any computer with Internet access. This is not an issue within the traditional school day, however poses issues for some students outside of the traditional school day. This requires connectivity outside the school buildings.

A WIKI is also an Internet based interactive Web 2.0 tool which allows multiple users to edit content. Teachers at Ashwaubenon School District have been encouraged to participate in staff development to learn how to create, maintain and share wiki’s with students. Typically WIKI’s are password protected, however any student or teacher that has been invited to the WIKI and provided with the password can add to or edit any of the content on the WIKI. Both students and teachers can upload files, post calendars, post links to other Web Sites or files. Another advantage to using WIKI’s is that individual groups of students assigned to work on a group project can create a WIKI site to post various parts of a project. A WIKI is an Internet based tool that requires Internet access outside the traditional school day. This requires off premise connectivity.

All three of these Web 2.0 tools; District Web Site, LMS environment and WIKI’s are tools that provide communication between school and home. All three of these tools require Internet connectivity for participation and use. At any of the Ashwaubenon buildings in the District the wireless network allows access for students. The issue arises outside of the traditional school hours when students need access to their teacher Web Site, classroom Moodle or class/workgroup WIKI.

**b. How long the Applicant Wireless Program has been in operation and the mobile wireless device(s) being used,**

Ashwaubenon School began the initial steps toward implementing wireless access in the spring of 2010. First steps included upgrading the network infrastructure to include wireless access ports within each building. Following the successful addition of wireless connectivity within the buildings, a laptop deployment began with teachers being assigned laptop computers beginning in March of 2010. The conversion from desktop to laptop computers for teachers continued through May of 2010. The laptops provided the initial testing of portable wireless devices.

Beginning in the spring of 2010 the special education department began several pilot programs using Apple iPods which require wireless connectivity. The Apple products are deployed throughout the district and are used in all five of the district school buildings. In December of 2010, three of the five building principals received iPad tablet devices, to pilot as a wireless management tool (teacher observations, literacy walkthroughs, etc.). Also, Ashwaubenon High School is currently testing a netbook computer with 3G 24/7 wireless access that can be used within the district on-premise wireless system and off premise through the Verizon network.

- c. A description of any technical issues associated with implementing the applicant Wireless Program, including an analysis of any problems with the availability of wireless access to students or patrons off the school or library premises and how those issues are being or will be addressed by the school or library.**

As a part of the planning process for implementing the 1 to 1 initiative, a wireless network has been established in all six of the district buildings, including the high school, middle school, two elementary schools, early learning center and district office. It is felt that the infrastructure within the district buildings is robust enough to handle connectivity “on campus.”

The purpose for this application is to create a culture and atmosphere within the district of equality, technology access and learning opportunity. The issue is not connectivity on campus but specifically, connectivity and access off campus. Not all students in the Ashwaubenon School District have Internet access at home. The population that is being educated without Internet access off-premise is at a distinct disadvantage compared to the population that does have Internet access at home. This becomes an issue before and after school when students are trying to access resources, connect collaboratively with other students and teachers, and have requirements to post homework through Internet based learning and management systems.

A number of staff at Ashwaubenon High School have created learning management systems, specifically a classroom “Moodle”. This allows for Internet based learning both at school and off campus. Students without home Internet access are at a decided disadvantage in classes where a Moodle has been created as they are unable access to school resources from home.

- d. What training has been or will be provided to teachers, librarians, students or parents to implement the Applicant Wireless Program, and**

Staff Development has occurred for teachers and librarians for access and use of the current “on campus” wireless network. In the spring of 2010, all teachers and librarians in the district were provided with laptops as the computer they were assigned. The district implemented several strategies to allow better access to school resources from home or elsewhere in the community. Examples of these strategies include development of an Interactive Web Site, Moodles/My Big Campus and Wikis. The district has created a user friendly Web Site to post information relevant to students, parents, the community, teachers, school and administration.

Each teacher has access to a personal Web Page portal to design, implement and customize in the way that best provides communication with their students and parents. Several staff development opportunities were held in October 2010 where teachers learned, practiced and implemented posting assignments, calendars, announcements and other relevant information that students and parents can access from home at any hour of the day. Accessing these regular updates requires connectivity outside the school buildings.

As an integral part of the district plan, three of the four district Library Media Specialists (Librarians), two building principals and the District Technology Coordinator participated in the TIES Technology Conference held in Minneapolis, MN on December 6-7, 2010. On December 2-

3, the District Curriculum Director and Technology Coordinator participated in the 1-1 Institute annual conference in Milwaukee, WI. Both of these conferences provided a variety of learning opportunities for using Web based learning to implement total access to resources both on campus and off campus.

As the wireless devices are expanded in the district there will again be regular staff development that will expand on the lessons learned during the initial on campus wireless program and the deployment of staff laptops. As Ashwaubenon moves toward the 1 to 1 initiative, there is recognition that there will be necessary staff development to support instructional transformation to move students into 21<sup>st</sup> Century learning. As an example, technical staff members from Ashwaubenon High School are attending a technical training session on Friday, December 17, 2010 for "My Big Campus". Following their training, these staff members will be in a position to facilitate general staff training to introduce and expand the use of My Big Campus. Educators will experience modeling of 21<sup>st</sup> Century classrooms that will serve as the blueprint for their own classroom instruction. These staff development sessions are being scheduled for spring and summer 2011.

From the Ashwaubenon High School Technology Plan:

*"In the future, educator proficiency on the use of Information Technology Skills will no longer be optional in the Ashwaubenon School District. A competency checklist will be updated and will become part of the teacher evaluation process. Teachers will be required to annually self-assess their progress on these competencies, and information from the self-assessments will be used to drive professional development efforts in the District."*

- e. The extent to which the Applicant Wireless Program is integrated with federal, Tribal, state, regional or local governmental or non-profit initiatives to achieve education or community access outcomes;**

Ashwaubenon School District wireless program will utilize Title IIA dollars to support staff development with offerings designed to transform instructional practices of staff. As a part of the wireless program, staff will be trained to integrate classroom learning management systems (LMS) as a part of curriculum which provides an accessible resource by students through the Internet off-premise. Integrated into LMS is a communication capability allowing teachers, students and parents to communicate with each other from any off-premise location.

- 2. The poverty level based on the percentage of students eligible for a free or reduced price lunch under the national school lunch program (NSLP) or a federally approved alternative mechanism, and the current discount rate of the school or library.**

Using the Title I application for the ESEA grant our district poverty level is 25.4%. However, Valley View and Cormier, two schools served by Title I funds have 37.4% and 30.6% respectively. These numbers continue to rise as the demographics of the district change.

**3. The financial need of the school or library including any additional budgetary hardships, notwithstanding the school or library's current discount rate.**

The Ashwaubenon School District state general aid was reduced \$2,038,695 for the 2010-11 school year. That is over a 16% reduction from the 2009-10 funding from the State. The Ashwaubenon free lunch students have increased over 67% in the last two school years (from 447 in 2008-09 to 750 in 2010-11). The total free and reduced lunch students are approaching 30% of the student population this year up from around 20% just two years ago. Over 17% of the High School student population has no e-mail contact listed for parents/guardians or home.

These numbers paint a picture of increasing need to support a growing population of students with Internet connectivity off campus. This increase is happening at a time with dramatic reductions on funding for the District

**4. All costs, including those eligible for E-rate support and those not eligible for E-rate support associated with implementing the Applicant Wireless Program, including but not limited to costs for equipment such as e-readers or laptops, access and connection charges, teacher training, librarian training or student/parent training**

For the actual devices, this is a difficult number to draw specific conclusions. With E-rate support, the number of students that can be impacted grows. Without E-rate support it is unlikely that all students in the district will be able to receive the benefit of a device to take home that provides Internet access. However, to utilize the Verizon 3G plan there would be a cost per device for 3G access of \$399.50 (\$39.50 monthly access fee x 10 months of the school year). The connectivity cost to deploy Netbook devices for the high school population which is approximately 1,000 students would be \$399,500.00.

For training purposes, community awareness and staff development it could be calculated at 50 teachers x \$25 x 28 hours for the first year = \$35,000. Parent involvement would require some payment of staff which would likely end at about \$1,000. There will also be additional staff development would come in the way of professional growth hours and early release days arriving at a total of \$36,000.

**5. The committed school or library resources available to implement the entire Applicant Wireless Program, including whether those funds are from the school or library's general budget or from an outside funding source**

The Ashwaubenon School District has a computer rotation budget that can be utilized to fund some of this initiative. What the following chart shows is a budget projection that is a part of the overall strategic plan. The budget numbers are based on replacing existing computers with a laptop comparable to the computers purchased for staff in the spring of 2010. Computers in Ashwaubenon School District are rotated either on a 4 or 5 year basis depending on the manufacturer and the model. The conclusion that can be drawn is there is planned funding over the next 3 years intended to begin and sustain a roll-out of a 1 to 1 initiative.

However, without E-rate support, the district will not be able to fund a roll-out to all students that have no connectivity off premise.

The numbers budgeted for the next three years are as follows:

<u>Academic Year</u>	<u>2011-12</u>	<u>2012-13</u>	<u>2013-14</u>
<u>Budget Projection</u>	<u>\$ 275,000.00</u>	<u>\$ 200,000.00</u>	<u>\$ 375,000.00</u>
<u># of Computers to be replaced</u>	<u>53</u>	<u>57</u>	<u>158</u>
<u>Estimated cost of replacement</u>	<u>\$ 60,000.00</u>	<u>\$ 65,000.00</u>	<u>\$ 175,000.00</u>
 <u>Funds available for 1 to 1 Initiative</u>	 <u>\$ 215,000.00</u>	 <u>\$ 135,000.00</u>	 <u>\$ 200,000.00</u>

**6. The effect EDU2011 support for off-premise connectivity is likely to have upon the school's or library's projects**

The effect will be dramatic. Without the EDU2011 support for off-premise connectivity, we will not be able to implement the plan as outlined. A shift in priorities of the current plan will allow some access for a limited number of students on a selected basis.

**7. An analysis of the cost effectiveness of the current or planned Applicant Wireless Program as compared to the use of other types of technology that would also meet the Program's objectives**

The Ashwaubenon School District has evaluated several options for moving forward toward a 1 to 1 initiative. Teachers currently are using a laptop with a 15.4" monitor. Laptops with a 14" monitor have been evaluated as have netbooks (laptops with a 10" screen), tablets, Smartphones, Apple iPads, Apple iPod Touches. It is generally agreed that smartphone/iPod devices are not physically large enough or mechanically robust enough to accommodate running the software, applications that are required in a diverse high school curriculum.

Ashwaubenon School District is operates a Windows based infrastructure. To ensure a safe experience for all students a large scale use of Apple devices such as the iPod, iPhone, iPad would be impractical financially to integrate into the existing Windows based network.

Laptops with 14' monitors outfitted with network based operating systems, minimal software and minimal run time capability range in the price of \$900 per unit. An example is a 14" version of the same laptop teachers use. This example is priced at \$932, sourced through the State of Wisconsin purchasing agreement. Budget pricing for Netbooks similar to ones the district currently owns, are priced at \$799.

There is also an option through Verizon Wireless that provides Hewlett Packard Netbooks (10" screen) for \$29.95. The netbooks can then be connected to the Verizon Wireless 3G network for \$39.95 per unit. What this means to students, is that students who have this option deployed would have off premise connectivity 24 hours a day, limited only by the Verizon network (can you hear me now?). This opens the possibility of transforming student's lives with

limited financial resources to have Internet access. Further, this expands the creative possibility of teachers to source Internet activities and to use resources for collaboration for ALL students!

The flexibility of the Verizon proposal creates a usable program during school months however, also includes no traditional 1-2 year contract. Ashwaubenon School District would operate on month-to-month connectivity based on units deployed. If students enter or exit the district, the plan will be adjusted. When students leave for the summer, Ashwaubenon School District will not incur connectivity costs when the devices aren't in operation.

There is still a cost of \$145.00 for network software and licensing which is added to the units as detailed in the table that follows. However, once the units have been connected to the Verizon system for 8 months, Ashwaubenon School District assumes ownership of the units with no further obligation to be connected to the Verizon network. If a unit is used less than 8 months the \$29.95 is considered a "rental" cost and the unit is returned to Verizon. The units can be returned at any time. After a traditional school year of use, Ashwaubenon can elect to re-connect students to the Verizon network with all the units, some of the units or additional units depending on the changing demographic make-up of the student population.

<u>First Year Cost</u>	
14" laptop	\$923 per unit
District standard 10" netbook	\$799 per unit
Verizon program	\$574 per unit
10" netbook	without E-rate assistance

**8. Any relevant technology planning documents and if applicable a statement of long-term objectives for the Program**

Long term objectives include:

- Creating a culture and atmosphere within the district of equality, technology access and learning opportunity for all students
- Transforming the application of education in the classrooms and departments of Ashwaubenon School District
- Preparing students of Ashwaubenon School District with strategies for success beyond public education



**9. A description of the specific measures taken or that will be taken, to ensure compliance with the Children's Internet Protections Act and measures to protect against waste, fraud and abuse**

The following is excerpted from the Ashwaubenon School District Appropriate Use Policy

- To the extent practical, technology protection measures (or "Internet filters") shall be used to block or filter Internet, or other forms of electronic communications, access to inappropriate information.
- Specifically, as required by the Children's Internet Protection Act, blocking shall be applied to visual depictions of material deemed obscene or child pornography, or to any material deemed harmful to minors.
- Subject to staff supervision, technology protection measures may be disabled or, in the case of minors, minimized only for bona fide research or other lawful purposes.
- Realizing that no internet filtering device is 100% effective, the Ashwaubenon School District shall make every effort to maintain effective filtering continuously.
- The District acknowledges that the potential exposure to inappropriate information is not and cannot be entirely avoided. It is impossible to guarantee students will not gain access through the Internet to information and communications that they and/or their parents/guardians may find inappropriate, offensive, objectionable or controversial. A student, staff member, parent or citizen may complain, either to school administration or directly to the FCC if banned material repeatedly gets through the filter.

In addition to the above policy, Ashwaubenon School District is currently developing an addition to the Acceptable Use Policy to address the use of electronic devices off premise. Parent forums will be scheduled to provide an opportunity for input and communication about the Ashwaubenon School District 1 to 1 initiative.

**10. A description of internal policies and enforcement procedures governing acceptable use of the wireless devices used in the Program off the school or library's premises**

Following is the Ashwaubenon Acceptable Use Policy:

**ASHWAUBENON SCHOOL DISTRICT**

**Internet Safety & Acceptable Use of technology Policy (AUP) - Policy 7540**

**Revised/Adopted 01/25/2010**

**INSTRUCTION**

**Internet Safety and Acceptable Use of Technology**

**Purpose and Expectations**

Technology is the property of the Ashwaubenon School District and is provided for students and staff to help achieve excellence in education. Technology includes computer facilities, all hardware and software, the Internet, e-mail, phone and voicemail systems, audio/video equipment, peripherals, networks, servers, telecommunications, and related services.

Access is a privilege, not a right. All individuals using the system must have approval from school officials. For security purposes, all authorized users will be issued user accounts and passwords that are age appropriate, which they will be required to use.

Access entails responsibility. Students and staff are responsible for good behavior on the Board's technology equipment and the Internet just as they are in classrooms, school hallways, and other school premises and school sponsored events. Communications on the Internet are often public in nature. General school rules for behavior and communication apply. The Board does not sanction any use of the Internet that is not authorized by or conducted strictly in compliance with this policy and its accompanying guidelines. Users who disregard this policy and its accompanying guidelines may have their use privileges suspended or revoked, and disciplinary action taken against them. Users granted access to the Internet through the Board's equipment assumes personal responsibility and liability, both civil and criminal, for uses of the Internet not authorized by this Board policy and its accompanying guidelines.

Utilization of technology for non-school related purposes may occur, but only to a reasonable degree. All users must be aware that personal privacy is not, and cannot be guaranteed.

User accounts may be treated like school lockers (Legal Reference: WI Statute 118.32 and 118.324). Technology administrators may review files and communications to maintain system integrity and ensure that users are using the system responsibly.

Furthermore, the district does not warrant network functionality and is not responsible for any information that may be lost, damaged or irretrievable when using the network. Likewise, the district does not guarantee the accuracy of information received via the Internet by its users.

It is impossible to completely define unacceptable use, however, for the purpose of illustration, some examples are:

- Sending or displaying offensive messages or pictures;
- Using offensive or obscene language;
- Harassing, insulting, threatening or attacking others, including racial or sexual slurs (i.e. cyber-bullying);
- Damaging equipment or networks;
- Plagiarism and violating copyright laws;
- Using others' passwords;
- Trespassing in others' folders, work or files;

- Unauthorized access such as hacking;
- Intentionally wasting resources;
- Regularly employing the technology for commercial, political or religious purposes;
- Illegal activities;
- Unauthorized installation of software.

Users are responsible for reporting occurrences of unacceptable use to school staff or officials.

### **Sanctions**

1. Violations may result in usage restriction including loss of access to the Internet, and/or user account/files.
2. Additional disciplinary action (i.e. suspension) may be determined at the building and/or district level in line with existing practice regarding inappropriate behavior.
3. When applicable, law enforcement agencies may be involved.

### **Internet Safety (CIPA and NCIPA-Compliant)**

#### **Introduction**

It is the policy of the Ashwaubenon School District to make a good faith effort to: (a) prevent user (students, staff, minors, adults) access over its computer network to, or transmission of, inappropriate material via Internet, electronic mail, or other forms of direct electronic communications; (b) prevent unauthorized access, including so-called hacking, and other unlawful online activity; (c) prevent unauthorized online disclosure, use, or dissemination of personal identification information of minors; and (d) comply with the Children's Internet Protection Act [Pub. L. No. 106-554 and 47 USC 254(h)] and the Neighborhood Children's Internet Protection Act (NCIPA).

#### **Access to Inappropriate Material**

To the extent practical, technology protection measures (or "Internet filters") shall be used to block or filter Internet, or other forms of electronic communications, access to inappropriate information.

Specifically, as required by the Children's Internet Protection Act, blocking shall be applied to visual depictions of material deemed obscene or child pornography, or to any material deemed harmful to minors.

Subject to staff supervision, technology protection measures may be disabled or, in the case of minors, minimized only for bona fide research or other lawful purposes.

Realizing that no internet filtering device is 100% effective, the Ashwaubenon School District shall make every effort to maintain effective filtering continuously.

The District acknowledges that the potential exposure to inappropriate information is not and cannot be entirely avoided. It is impossible to guarantee students will not gain access through the Internet to information and communications that they and/or their parents/guardians may find inappropriate, offensive, objectionable or controversial. A student, staff member, parent or citizen may complain, either to school administration or directly to the FCC if banned material repeatedly gets through the filter.

#### **Inappropriate Network Usage**

To the extent practical, steps shall be taken to promote the safety and security of users of the Ashwaubenon School District online computer network when using electronic mail, chat rooms, instant messaging, and other forms of direct electronic communications (whether use is intended or accidental).

Specifically, as required by the Children's Internet Protection Act, prevention of inappropriate network usage includes: (a) unauthorized access, including so-called 'hacking,' and other unlawful activities; and (b) unauthorized disclosure, use, and dissemination of personal identification information regarding minors.

### **Education, Supervision and Monitoring**

It shall be the responsibility of all instructional members of the Ashwaubenon School District staff to educate, supervise and monitor appropriate use of the online computer network and access to the Internet in accordance with this policy, the Children's Internet Protection Act, the Neighborhood Children's Internet Protection Act, and the Protecting Children in the 21st Century Act (Pub. L. No. 110-385 Title II).

The Ashwaubenon School district will promote safe online activity for children and educate students about appropriate online behavior, including interacting with other individuals on social networking websites and in chat rooms and cyber-bullying awareness and response. This includes, but is not limited to:

- Teaching students how to locate and evaluate appropriate electronic sources.
- Teaching students information literacy skills, including understanding of safety, copyright, ethical practice and data privacy.
- Teaching students proper safety procedures when using electronic mail, chat rooms, social networking websites, cyber-bullying awareness and response, and other forms of direct electronic communication.

Procedures for disabling or otherwise modifying any technology protection measures shall be the responsibility of the Network Systems Specialist under the direction of the Curriculum and Instructor Director or other representatives they may designate.

***Required Information (schools only).*** The applications filed by schools also must contain the following information:

**1. the location of the school;**

Ashwaubenon High School  
2391 S. Ridge Road  
Ashwaubenon, WI 54304  
(920) 492-2950

**2. the name of the school applicant, along with a complete list of the individual schools that will be served, including their billed entity numbers;**

School Applicant:

David Schmidt, Superintendent  
Ashwaubenon School District  
1055 Griffiths Lane  
Ashwaubenon, WI 54304  
(920) 492-2900

Schools Served:

Ashwaubenon High School  
2391 S. Ridge Road  
Ashwaubenon, WI 54304  
Billed entity Number: 133191

**3. a description of the school district or school, including the type of school, such as private, public, charter, or other special type of school;**

The Ashwaubenon School District is a public school district located in a suburban community adjacent to Green Bay, WI. The District is a 4K-12 district with over 3,100 students in one early learning center, two elementary, one middle, one high school. The Village of Ashwaubenon, which currently has a population of 18,000, is 125 miles north of Milwaukee, WI and 200 miles north of Chicago, IL. Since its beginning over 100 years ago as an agricultural community, Ashwaubenon has grown into an industrial and commercial center as a community for fine residential living and learning. Strong community partnerships have been created with our community to develop students who are high-achieving lifelong learners and contributing world citizens. The Ashwaubenon community takes great pride in their students!

The demographic profile of Ashwaubenon has been changing. The geographic borders are considered land-locked providing minimal expansion of residential and business development. More apartments have arisen and the student population reflects increasing numbers of families that are in temporary living situations. There has been an increase in the student homeless population and in the number of students applying and qualifying for free and reduced lunch.

Ashwaubenon High School has a total student population of 993. Of this number, 159 students from surrounding communities have chosen Ashwaubenon High School under the State of Wisconsin school choice option. This is reflective of the high standards of student achievement, rigorous course offerings, co-curricular opportunities, and an outstanding teaching staff.

**4. a description of the Program’s curriculum objectives, the grade levels included, and the number of students and teachers involved and/or being served as part of the program; and**

Program Curriculum Objectives

- Equity for all students to have on and off-premise access to Internet resources
- Increase student achievement
  - According to a research project conducted by “Project Red”, properly implemented 1 to 1 Initiatives decrease dropout rate and disciplinary action, increase student achievement, graduation rates and post secondary education. < [www.ProjectRed.org](http://www.ProjectRed.org) >
- Transformation of instructional practices
- Utilize Web 2.0 tools that students will need to utilize in post secondary education and the world of work
- Promote an environment of responsible student use of technology resources both at school and off-premise

For the 2011-2012 school year

- There will be 487 students participating in the 1 to 1 Initiative
  - 243 Sophomores
  - 244 Freshman
- There will be 50 teachers participating in instruction to these students

**5. a summary of any data collected by the school on Program outcomes and achievement of Program objectives.**

Data collected for this initiative will include:

- Review of student achievement gains through PLAN/EXPLORE/ACT and SRI (Student Reading Inventory) data
- Comparison of:
  - Attendance
  - Disciplinary referrals
  - Graduation rates
- Monitor staff development attendance and use of Web 2.0 tools in lesson planning documents
- Analysis of student, parent and staff evaluations conducted pre and post implementation of 1 to 1 Initiative
- Evaluation of inappropriate search and access terms as captured by the district content filtering mechanism

Applicants must also apply for E-rate funding by following the regular E-rate program rules. Specifically, in addition to the information requested above, eligible schools and libraries must submit an FCC Form 471 application to USAC during the regular application window. We direct applicants to file an FCC Form 471 application specifically for the wireless connectivity services to be used off-premises as part of the program for which the applicant is seeking funding and file a separate FCC Form 471 for any services to be used on premises. Applicants should type "EDU2011" in the form identifier field of the FCC Form 471 application for the wireless connectivity services to be used off-premises. Applicants should also list all of the schools and/or libraries that will be receiving the off-site wireless connectivity services in Block 4 of the FCC Form 471 application. Because potential applicants will most likely already be using portable wireless devices in their school or library, applicants may have an established relationship with a service provider. Therefore, the Commission has waived, to the extent necessary, the applicable sections of the Commission's E-rate competitive bidding rules for those EDU2011 pilot program applicants that have already entered into legally binding agreements with service providers for off-premises connectivity for portable wireless devices.<sup>4</sup>

The Wireline Competition Bureau (Bureau) will notify applicants and USAC when it has selected applicants to participate in the EDU2011 program. Selected applicants will receive the allotted connectivity support and will not be required to cost-allocate the dollar amount of support for the time that portable devices are not on school or library premises.<sup>5</sup> Applicants will receive funds sufficient to cover the amount of connectivity expenses eligible for E-rate funding based on their discount; they will still be required to pay their non-discount share. After the one-year trial period, participants will be required to submit a report to the Bureau describing in detail any data collected as a result of the program and a narrative describing lessons learned from the program, which may assist other schools and libraries desiring to adopt similar programs in the future.

#### EDU2011 Application Filing Procedures:

- Eligible schools and libraries may submit their applications either (1) by using the Commission's Electronic Comment Filing System (ECFS) or (2) by filing paper copies. **All applications submitted as part of the EDU2011 pilot program must refer to WC Docket No. 10-222.**
- Electronic Filers: Applications may be filed electronically using the Internet by accessing the ECFS: <http://fjallfoss.fcc.gov/ecfs2/>.
- Paper Filers: Filings can be sent by hand or messenger delivery, by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail. All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.
- All hand-delivered or messenger-delivered paper filings for the Commission's Secretary must be delivered to FCC Headquarters at 445 12th St., SW, Room TW-A325, Washington, DC 20554. The filing hours are 8:00 a.m. to 7:00 p.m. All hand deliveries must be held together with rubber bands or fasteners. Any envelopes must be disposed of before entering the building.
- Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9300 East Hampton Drive, Capitol Heights, MD 20743.

- U.S. Postal Service first-class, Express, and Priority mail must be addressed to 445 12th Street, SW, Washington DC 20554.

Eligible schools and libraries may also send a courtesy copy of their filing via email to [EDU2011pilot@fcc.gov](mailto:EDU2011pilot@fcc.gov) or by mail to Regina Brown, Telecommunications Access Policy Division,

4 *Schools and Libraries Sixth Report and Order* at para. 47; 47 C.F.R. § 54.504 (2009).

5 This funding only relates to support for wireless, off-premises connectivity service, and not the purchase of devices or equipment, such as mobile broadband cards, smartphones, or digital textbooks. *Schools and Libraries Sixth Report and Order* at paras. 46, 50.